

**DECLARATION AND POWER OF  
ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

ATTORNEY'S DOCKET NO.  
TH-1759 (US)

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled INTEGRATED FLAMELESS DISTRIBUTED COMBUSTION/REFORMING MEMBRANE REACTOR FOR HYDROGEN PRODUCTION AND USE THEREOF IN ZERO EMISSIONS HYBRID POWER SYSTEM the specification of which is attached hereto unless the following box is checked:



was filed on March 5, 2002 as United States Application Number or PCT International Application Number 10/091,104 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 27 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**PRIOR FOREIGN APPLICATION(S)**Priority  
Not Claimed

|                    |         |                      |
|--------------------|---------|----------------------|
| APPLICATION NUMBER | COUNTRY | DAY/MONTH/YEAR FILED |
| APPLICATION NUMBER | COUNTRY | DAY/MONTH/YEAR FILED |

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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

|                        |               |
|------------------------|---------------|
| APPLICATION SERIAL NO. | FILING DATE   |
| 60/273,354             | 05 MARCH 2001 |
| APPLICATION SERIAL NO. | FILING DATE   |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

|                        |             |                                     |
|------------------------|-------------|-------------------------------------|
| APPLICATION SERIAL NO. | FILING DATE | STATUS-PATENTED, PENDING, ABANDONED |
| APPLICATION SERIAL NO. | FILING DATE | STATUS-PATENTED, PENDING, ABANDONED |

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

|                     |                |                     |                  |
|---------------------|----------------|---------------------|------------------|
| NAME                | ATTORNEY/AGENT | REGISTRATION NUMBER | TELEPHONE NUMBER |
| Jennifer D. Adamson | Attorney       | 47,379              | (713) 241-3901   |
| NAME                | ATTORNEY/AGENT | REGISTRATION NUMBER | TELEPHONE NUMBER |
| Y. Grace Tsang      | Attorney       | 31,672              | (713) 241-0956   |
| NAME                | ATTORNEY/AGENT | REGISTRATION NUMBER | TELEPHONE NUMBER |
| Richard F. Lemuth   | Attorney       | 30,081              | (713) 241-3716   |

Revised June 1995

**SEND CORRESPONDENCE TO:**

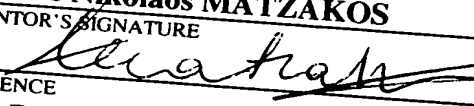
(NAME) Jennifer D. Adamson  
c/o Shell Oil Company  
Intellectual Property  
P.O. Box 2463  
Houston, TX 77252-2463

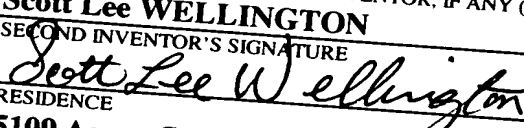
# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

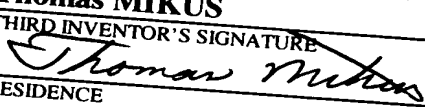
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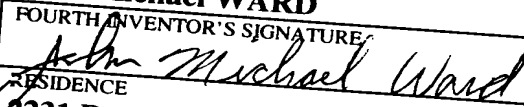
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|   |                                |
|---|--------------------------------|
| FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name)<br><b>Andreas Nikolaos MATZAKOS</b>         |                                |
| INVENTOR'S SIGNATURE<br> |                                |
| RESIDENCE<br><b>2115 Parkview Lane, Missouri City, Texas 77479</b>  | DATE SIGNED<br><b>6/3/2002</b> |
| POST OFFICE ADDRESS<br><b>2115 Parkview Lane, Missouri City, Texas 77479</b>                              | CITIZENSHIP<br><b>U.S.A.</b>   |

|  |                                |
|--|--------------------------------|
| FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)<br><b>Scott Lee WELLINGTON</b>              |                                |
| SECOND INVENTOR'S SIGNATURE<br> |                                |
| RESIDENCE<br><b>5109 Aspen Street, Bellaire, Texas 77401</b>   | DATE SIGNED<br><b>6/3/2002</b> |
| POST OFFICE ADDRESS<br><b>5109 Aspen Street, Bellaire, Texas 77401</b>   | CITIZENSHIP<br><b>U.S.A.</b>   |

|  |                                    |
|--|------------------------------------|
| FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name)<br><b>Thomas MIKUS</b>                       |                                    |
| THIRD INVENTOR'S SIGNATURE<br> |                                    |
| RESIDENCE<br><b>906 Coachlight Lane, Houston, Texas 77077</b>  | DATE SIGNED<br><b>June 3, 2002</b> |
| POST OFFICE ADDRESS<br><b>906 Coachlight Lane, Houston, Texas 77077</b>  | CITIZENSHIP<br><b>U.S.A.</b>       |

|  |                                    |
|--|------------------------------------|
| FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name)<br><b>John Michael WARD</b>                   |                                    |
| FOURTH INVENTOR'S SIGNATURE<br> |                                    |
| RESIDENCE<br><b>2231 Royal Adelaide Drive, Katy, Texas 77450</b>   | DATE SIGNED<br><b>June 5, 2002</b> |
| POST OFFICE ADDRESS<br><b>2231 Royal Adelaide Drive, Katy, Texas 77450</b>   | CITIZENSHIP<br><b>U.S.A.</b>       |

|   |             |
|---|-------------|
| FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name) |             |
| FIFTH INVENTOR'S SIGNATURE  |             |
| RESIDENCE   | DATE SIGNED |
| POST OFFICE ADDRESS   | CITIZENSHIP |